WHAT IS CLAIMED IS:

1.   A method in a data processing system having a program, the method comprising the steps of:

5   providing a plurality of processing engines, each processing engine subscribing to at least one of a plurality of datatypes and capable of publishing at least one of the datatypes, at least one of the processing engines subscribing to at least one of the datatypes published by another of the processing engines, the processing engines initiating processing responsive to receipt of a subscribed to datatype; and

10   determining a solution to a problem using at least two of the processing engines.

2.   The method of claim 1, further comprising the step of:

modifying one of the processing engines, wherein the determining of the solution is not interrupted by the modification.

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3.   The method of claim 1, further comprising the step of:

deploying a new processing engine, wherein the determining of the solution is not interrupted by the modification.

20   4.   The method of claim 1, further comprising the step of:

publishing the solution to the problem.

5.   A computer-readable medium containing instructions that cause a program in a data processing medium to perform a method comprising the steps of:

25   providing a plurality of processing engines, each processing engine subscribing to at least one of a plurality of datatypes and capable of publishing at least one of the datatypes, at least one of the processing engines subscribing to at least one of the datatypes published by another of the processing engines, the processing engines initiating processing responsive to receipt of a subscribed to datatype; and

30   determining a solution to a problem using at least two of the processing engines.

6.   The computer-readable medium of claim 5, further comprising the step of:

modifying one of the processing engines, wherein the determining of the solution is not interrupted by the modification.

7. The computer-readable medium of claim 5, further comprising the step of:

deploying a new processing engine, wherein the determining of the solution is not interrupted by the modification.

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8. The computer-readable medium of claim 5, further comprising the step of:

publishing the solution to the problem.

9. A data processing system comprising:

10 a memory having a program that provides a plurality of processing engines, each processing engine subscribing to at least one of a plurality of datatypes and capable of publishing at least one of the datatypes, at least one of the processing engines subscribing to at least one of the datatypes published by another of the processing engines, the processing engines initiating processing responsive to receipt of a subscribed to datatype, and determines

15 a solution to a problem using at least two of the processing engines; and

a processing unit that runs the program.

10. A data processing system comprising:

means for providing a plurality of processing engines, each processing engine

20 subscribing to at least one of a plurality of datatypes and capable of publishing at least one of the datatypes, at least one of the processing engines subscribing to at least one of the datatypes published by another of the processing engines, the processing engines initiating processing responsive to receipt of a subscribed to datatype; and

means for determining a solution to a problem using at least two of the processing

25 engines.